

MATERIALS & SPECIFICATIONS

PART NO.	A29100-021	REV	ECO	DATE	APP
		K	102551	05-03-16	TLM

HOUSING:

ALUMINUM 6061-T6, NICKEL PLATE
PER SAE-AMS-2404

INSULATOR:

LIQUID CRYSTAL POLYMER (LCP) PER
ASTM D5138

CONTACTS:

COPPER ALLOY PER MIL-DTL-32139,
GOLD PLATED PER ASTM B488,
(HARD GOLD) TYPE II CODE C CLASS
1.27

TERMINATIONS:

SOLDER COATED WITH SN63A
PER J-STD-006

CURRENT RATING:

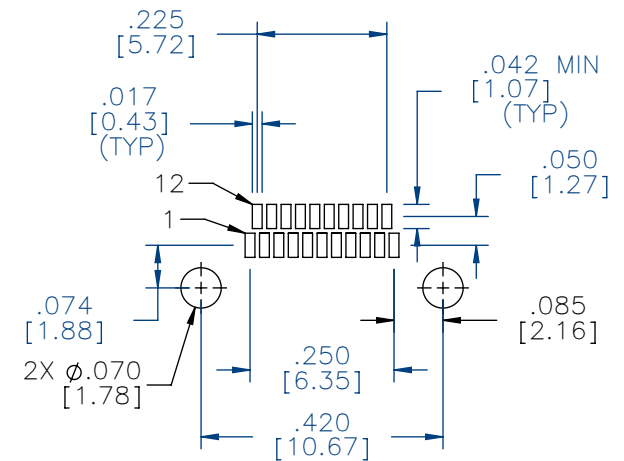
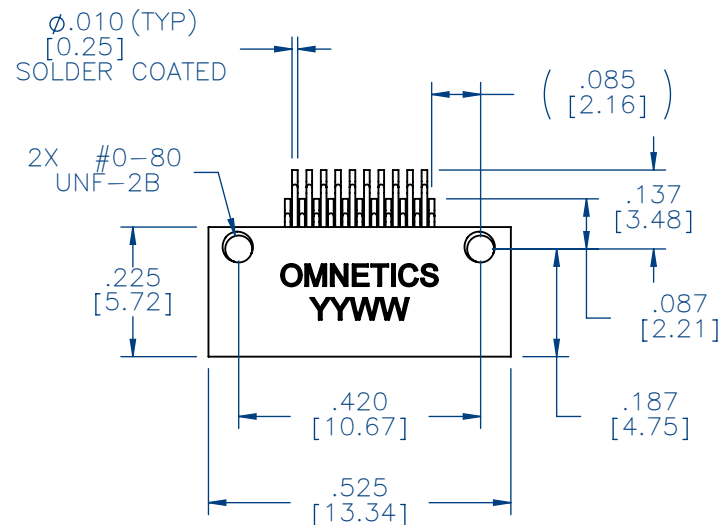
1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE:

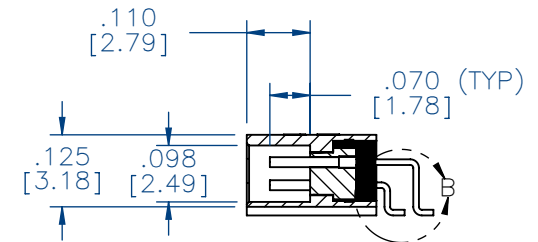
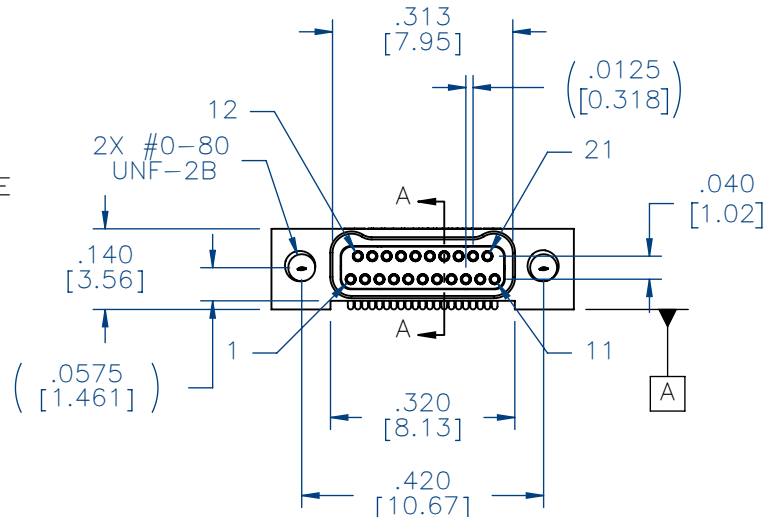
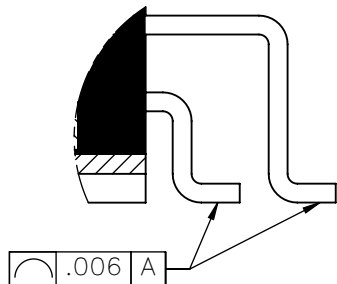
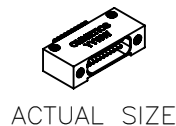
71 MILLIOHM MAX (71mV DROP MAX)
@ 1.0 AMPS PER MIL-DTL-32139

PERFORMANCE:

PRODUCT FAMILY TESTED TO AND
PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VIII OF
MIL-DTL-32139



SUGGESTED PAD LAYOUT



SECTION A-A

NOTE:

DIMENSIONS IN [] ARE IN
MILLIMETERS UNLESS
OTHERWISE NOTED AND ARE
FOR REFERENCE ONLY

THIRD ANGLE	TOLERANCES—
UNLESS OTHERWISE NOTED	
DIMENSIONS IN INCHES	
2 PL DEC± .01	
3 PL DEC± .005	
4 PL DEC± .0005	
ANGLES ± 1°	

THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF OMNETICS CONNECTOR CORP. THIS DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP.	
DFTM. AAS	DATE 05-10-04
CHK'D.	DATE
APP'D.	DATE

TITLE:
(21) SOCKET FEMALE
Bi-Lobe® CONNECTOR

OMNETICS
CONNECTOR CORPORATION
7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

CAGE CODE 61873	DWG NO. A29100-021
SHEET 1 OF 1	REV K
SCALE: 3:1	